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11.7	THIS ITEM ONLY A	PPLIES TO AMENDMENTS OF SOLI	CITATIONS		
X The above numbered solicitation is amended as set for	th in Item 14. The hour an	d date specified for receipt of Offer	X is extended,	is not ext	ended.
(a) By completing Items 8 and 15, and returning 1 or (c) By separate letter or telegram which includes a RECEIVED AT THE PLACE DESIGNATED FOR REJECTION OF YOUR OFFER. If by virtue of this provided each telegram or letter makes reference to the 12. ACCOUNTING AND APPROPRIATION I	reference to the solicitati THE RECEIPT OF OFFER amendment you desire to cl he solicitation and this am	on and amendment numbers. FAILURE OF YOURS PRIOR TO THE HOUR AND DATE SPECIFIANGE an offer already submitted, such change ma	IR ACKNOWLEDGM ED MAY RESULT IN y be made by telegram	IENT TO BE	
13. THIS ITE	M APPLIES ONLY T	O MODIFICATIONS OF CONTRACTS	ORDERS.		
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B. THE ABOVE NUMBERED CONTRACT office, appropriation date, etc.) SET FOI				such as chan	ges in paying
C. THIS SUPPLEMENTAL AGREEMENT			. ,		
D. OTHER (Specify type of modification an	d authority)				
E. IMPORTANT: Contractor is not,	is required to si	gn this document and return	copies to the issui	ing office.	
<ol> <li>DESCRIPTION OF AMENDMENT/MODIL where feasible.)</li> <li>The purpose of this amendment are as follows.</li> <li>To revise the specification document und through 5 of this document.</li> <li>Revise the "DRAWINGS", see attached processes the "DRAWINGS", see attached processes and conditions remain und NOTE: Bidders must acknowledge receipt of methods: In the space provided in the Space Modification of BIDS, OR LATE WITHDER MODIFICATION OF BIDS, OR LATE WITHDER Except as provided herein, all terms and conditions of the space of the spac</li></ol>	ws: at 2002 at 1:00 PM to er Section 00800, 03 age 5 of this docume information only, section this amendment by the separate lette ECIFIED MAY RESULT RAWAL OF BIDS (FAR	and the date specified in the solicitation (over, by telegram, or by signing Block 15 to T IN REJECTION OF YOUR BID IN ACCOUNT ACT TO A COUNTY OF TO A COUNT	Oa, and 08110, seedocument.  If as amended) by below. FAILURE or DRDANCE WITH The manged and in full force.	ee attached  one of the TO ACKNO' HE LATE BII	pages 2 following WLEDGE D, LATE
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#### SECTION SF 30 BLOCK 14 CONTINUATION PAGE

### AMENDMENT 9 NOTICE TO BIDDERS

Failure of the bidder to acknowledge receipt of this Amendment in Item 19 of Standard Form 1442 (Pg. 00010-2) may result in REJECTION of the bid. IFB NO. DACA51-02-B-0009

Amendment No. 9

Department of the Army, NYD Corps of Engineers New York, NY 10278-0090

AMENDMENT NO. 9 TO SPECIFICATIONS FOR REVITALIZE BARRACKS USMA PREPARATORY SCHOOL BUILDINGS 1204 & 1205, FORT MONMOUTH, EATONTOWN, NEW JERSEY

# TO BIDDERS

1. The following changes are made to the specifications and drawings.

# **SPECIFICATIONS**

A. <u>Section 00800</u>, paragraph 10 RECORD DRAWINGS: add the following after the first sentence in subparagraph a: "The CAD format shall be Microstation".

## B. Section 03307a

- 1) Replace paragraph 3.4.2 Finishing Formed Surfaces with the following paragraphs:
- "3.4.2 Finishing Formed Surfaces

Formwork, form materials and form construction are specified in Section 03100 STRUCTURAL CONCRETE FORMWORK. Finishing of formed surfaces shall be as specified herein. Unless another type of architectural or special finish is specified, surfaces shall be left with the texture imparted by the forms except that defective surfaces shall be repaired. Unless painting of surfaces is required, uniform color of the concrete shall be maintained by use of only one mixture without changes in materials or proportions for any structure or portion of structure that requires a Class A or B finish. Except for major defects, as defined hereinafter, surface defects shall be repaired as specified herein within 24 hours after forms are removed. Repairs of the so-called "plastic-type" will not be permitted in any location. Tolerances of formed surfaces shall conform to the requirements of ACI 117/117R. These tolerances apply to the finished concrete surface, not to the forms themselves; forms shall be set true to line and grade. Form tie holes requiring repair and other defects whose depth is at least as great as their surface diameter shall be repaired as specified in paragraph Damp -Pack Mortar Repair. Defects whose surface diameter is greater than their depth shall be repaired as specified in paragraph Repair of Major Defects. Repairs shall be finished flush with adjacent surfaces and with the same surface texture. The cement used for all repairs shall be a blend of job cement with white cement proportioned so that the final color after curing and aging will be the same as the adjacent concrete. Concrete with excessive honeycomb, or other defects which affect the strength of the member, will be rejected. Repairs shall be demonstrated to be acceptable and free from cracks or loose or drummy areas at the completion of the contract and, for Class A and B Finishes, shall be inconspicuous. Repairs not meeting these requirements will be rejected and shall be replaced.

# 3.4.2.1 Class A Finish and Class B Finish

Class A finish is required in the areas that will be exposed to public view. Fins, ravelings, and loose material shall be removed, all surface defects over ½ inch in diameter or more than ½ inch deep, shall be repaired and, except as otherwise indicated or as specified in Section 03100 STRUCTURAL CONCRETE FORMWORK, holes left by removal of form ties shall be reamed and filled. Defects more than ½ inch in diameter shall be cut back to sound concrete, but in all cases at least 1 inch deep. The Contractor shall prepare a sample panel for approval (as specified in Part 1) before commencing repair, showing that the surface texture and color match will be attained. Metal tools shall not be used to finish repairs in Class A surfaces.

### 3.4.2.2 Class C and Class D Finish

Class C finish is required in the areas not exposed to public view. Class D finish is required on concrete below the ground surface. Fins, ravelings, and loose material shall be removed, and, except as otherwise indicated or as specified in Section 03100 STRUCTURAL CONCRETE FORMWORK, holes left by removal of form ties shall be reamed and filled. Honeycomb and other defects more than ½ inch deep or more than 2 inches in diameter shall be repaired. Defects more than 2 inches in diameter shall be cut back to sound concrete, but in all cases at least 1 inch deep."

2) Insert the following paragraphs between paragraphs 3.5 and 3.6 and renumber existing paragraph 3.6 (and subparagraphs) to 3.7.

## "3.6 SETTING BASE PLATES AND BEARING PLATES

After being properly positioned, column base plates, bearing plates for beams and similar structural members, and machinery and equipment base plates shall be set to the proper line and elevation with damp-pack bedding mortar, except where nonshrink grout is indicated. The thickness of the mortar or grout shall be approximately 1/24 the width of the plate, but not less than 3/4 inch. Concrete and metal surfaces in contact with grout shall be clean and free of oil and grease, and concrete surfaces in contact with grout shall be damp and free of laitance when grout is placed. Nonshrink grout shall be used where indicated on drawings.

# 3.6.1 Damp-Pack Bedding Mortar

Damp-pack bedding mortar shall consist of 1 part cement and 2-1/2 parts fine aggregate having water content such that a mass of mortar tightly squeezed in the hand will retain its shape but will crumble when disturbed. The space between the top of the concrete and bottom of the bearing plate or base shall be packed with the bedding mortar by tamping or ramming with a bar or rod until it is completely filled.

#### 3.6.2 Nonshrink Grout

Nonshrink grout shall be a ready-mixed material requiring only the addition of water. Water content shall be the minimum that will provide a flowable mixture and completely fill the space to be grouted without segregation, bleeding, or reduction of strength.

# 3.6.2.1 Mixing and Placing of Nonshrink Grout

Mixing and placing shall be in conformance with the material manufacturer's instructions and as specified therein. Ingredients shall be thoroughly dry-mixed before adding water. After adding water, the batch shall be mixed for 3 minutes. Batches shall be of size to allow continuous placement of freshly mixed grout. Grout not used within 30 minutes after mixing shall be discarded. The space between the top of the concrete or machinery-bearing surface and the plate shall be filled solid with the grout. Forms shall be of wood or other

equally suitable material for completely retaining the grout on all sides and on top and shall be removed after the grout has set. The placed grout shall be carefully worked by rodding or other means to eliminate voids; however, overworking and breakdown of the initial set shall be avoided. Grout shall not be re-tempered or subjected to vibration from any source. Where clearances are unusually small, placement shall be under pressure with a grout pump. Temperature of the grout, and of surfaces receiving the grout, shall be maintained at 65 to 85 degrees F until after setting.

#### 3.6.2.2 Treatment of Exposed Surfaces

For metal-oxidizing nonshrink grout, exposed surfaces shall be cut back 1 inch and immediately covered with a parge coat of mortar consisting of 1 part portland cement and 2-1/2 parts fine aggregate by weight, with sufficient water to make a plastic mixture. The parge coat shall have a smooth finish. For other mortars or grouts, exposed surfaces shall have a smooth-dense finish and be left untreated. Curing shall comply with paragraph CURING AND PROTECTION."

## C. Section 05120a

Paragraph 3.2.2 – The last sentence shall read: "Bedding mortar and grout shall be as specified in Section 03307A CONCRETE FOR MINOR STRUCTURES."

#### D. Section 10505N

Add the following paragraphs to the Section:

### "2.1.1 Sport Locker

Locker Room 125 shall be provided with 24" by 24" by 72" high open front sport locker. Locker shall be provided with:

- a. Lockable security compartment.
- b. Ventilated foot locker with reinforced seat.
- c. Solid sides and back.
- d. Hooks; three single wall mounted hooks and one double ceiling hook; the hooks shall be of forged steel with ball ends, and be chrome plated.

### 2.1.2 Remainder of Lockers

Remainder of lockers shall be 18" by 24" by 72" high with open mesh front including door, solid sides and back, top shelf, two single wall mounted hooks and one double ceiling hook. See paragraph 2.1.1 above.

## 2.1.3 Locker tops

All lockers shall have all welded sloped tops, factory fastened with concealed fasteners. Slopped tops shall be in addition to flat locker top and not an integral part of a locker body."

# E. Section 15400a

Paragraph 2.3.1 Backwater Valves shall remain as part of the specification and contract.

## "2.3.1 Backwater Valves

Backwater valves shall be either separate from the floor drain or a combination floor drain, P-trap, and backwater valve, as shown. Valves shall have cast-iron bodies with cleanouts large enough to permit removal of interior parts. Valves shall be of the flap type, hinged or pivoted, with revolving disks. Hinge pivots,

disks, and seats shall be nonferrous metal. Disks shall be slightly open in a no-flow no-backwater condition. Cleanouts shall extend to finished floor and be fitted with threaded countersunk plugs."

#### F. Section 07600a

Add the following to paragraph 3.9 Installation of Louvers: "Louvers shall be Designed for extreme weather conditions (double rain guard) as per SMACNA Architectural Manual."

#### G. Section 08110

Add the following to the end of paragraph 2.4.2.2 Exterior Louvers: "Louvers shall be designed for extreme weather conditions (double rain guard)."

## **DRAWINGS**

- . A. The entire set of drawings is issued in this amendment, including all unchanged, revised and new drawings. This is for clarification and consolidation purpose only. All changes shown in previous amendments are reflected in this set of drawings.
- B. The new and revised drawings are titled Amendment 8 but are being issued in this amendment.
- C. There are two new drawings included in the set of drawings issued in this amendment: M-101A and A-039. The new A-039 drawing replaces A-039 issued previously in the IFB.
- D. Delete drawing A-015 without substitution. It will not be included in the set of drawings issued in this amendment.
- E. Delete the drawing entitled "Soil Erosion and Sediment Control Plan" as issued in Amendment No.4. It will not be included in the set of drawings issued in this amendment.

# RESPONSES TO BIDDER'S QUESTIONS (QUESTIONS AND ANSWERS ARE FOR INFORMATION ONLY)

1.Question: Drawing C-4 indicates that the new 6" sanitary line exiting each building is to be 3" above the existing footing. We do not know the elevation of the existing footings and we do not know whether the 2" trenched crawlspace slab will be required to be cut (excavated and assumed patched) in order to achieve the 3" above footing sanitary

invert. Please clarify if the crawlspace slab will be required to be demolished and patched in order to install this line

Response: The concrete slab in the crawl space shall be removed and replaced as required to install the sanitary connections at the required elevation.

2. Question: do the gang showers on A-007 and A-008 require 4" high concrete curbs similar to the Therapy Room curb?

Response: Yes. See Elevation 8/A-19 which is typical for both gang showers.

3. Question: Could you please clarify the requirements on the drawings for expansion joint covers at walls, floors and ceilings? As an example, please see drawing A-007 at column lines 12 & 13.

Response: There are existing wall, floor, ceiling and roof expansion joint covers which will remain. New ceiling and wall expansion joint details has been added to drawing A-61 Miscellaneous Details.

4. Question: Please clarify the "wall pad" note on A-009 in room #318. How many existing pads are to be salvaged from the demolition operation? How many new pads are required? Where are the new and existing pads to be installed?

Response: Existing pads to be salvaged are in the existing Wrestling Room at 1204E, 2<sup>nd</sup> floor, north end from column lines 17 to 20 and A to D covering the entire floor and extending 5'-6" up the walls and the window sill. The new and existing pads are to be installed in Room 318, south end of the 3<sup>rd</sup> floor covering almost the same floor area

5. Question: Does detail 8 on A-060 apply to all columns in Building 1204 East, rooms #318? Room #310? Room #112? Room 125?

Response: If you mean column Detail-3, at drawing A-060, yes. It applies to columns in Building 1204E, room numbers 310, 112 and 125.

6. Question: Is the trophy case, indicated on A-007, room #101A, a new or existing case?

Response: The trophy case, indicated on A-007, room #101A, is new.

7. Question: Are the 60" high partitions in room #110 demountable "work station" type partitions or are they permanent drywall partition?

Response: The 60" high partitions in room 110 are demountable "work station" type partitions.

8. Question: In case of conflict between the window locations and quantities on the floor plans compared to the same on the elevations, which location and quantity prevails? For example, see 1204 East, first floor, room #130 (louver vs. window) or room #127B (window vs. no window).

Response: In case of conflict, the quantities on the floor plan prevail.

9. Question: Is it your intent to have all new exterior handrails be anodized aluminum? The handicapped ramp sketch issued by amendment indicates the ramp rails to be steel.

Response: The intent is to have two types of new exterior handrails. First is the anodized aluminum handrail for all the new stair entrance with canopies, handicapped ramp rails. Remaining exterior handrails shall be painted galvanized handrails. See specification Section 05500A Miscellaneous Metal.

10. Question: Drawing A-029, Bldg. 1204 Transverse section indicates a "new suspended ceiling system" in room #212 and #213 whereas the Finish Schedule indicates these rooms to have exposed structure above, painted. Which is correct?

Response: The suspended ceiling system in Rooms #212 and 213, Bldg. 1204E Transverse Section has been deleted.

11. Question: Are you requiring all ductwork that is exposed in all rooms without drywall or acoustical tile ceilings to be boxed in drywall soffits as indicated on Drawing A-029, Bldg. 1204 Transverse Section? In both wings of both buildings?

Response: Yes, except in Mechanical Rooms, Storage and Janitor's rooms.

12. Question: Drawing A-024, EIFS Note #2 discusses repair of damaged EIFS surfaces prior to painting. Do we assume that this note pertains to existing surfaces damaged by the contractor during construction and patching/infills

of holes as a result of this contractor's demolition and removal operations AND DOES NOT pertain to repair of any pre-existing damage, cracks, holes, etc. Repair of pre-existing EIFS damage, because it is not quantified or indicated on the drawings, will be performed via Modification?

Response: As indicated on note #1 of the EIFS Notes, the contractor shall verify conditions and dimensions in the field. The EIFS note #2 pertains to both the existing surfaces damaged by the contractor during construction and the repair of pre-existing damages, cracks, holes, etc. A cursory visual inspection revealed no apparent exterior damage that needs to be quantified nor to be indicated.

13. Question: Drawing A-105, Sill Details S3 and S5 indicate a recessed ceramic tile setting bed in the unit module toilet and shower rooms. Is this correct? Are you requiring the contractor to create this depression in the existing floor surface?

Response: See Specs. Sect. 09310A, para. 3.4.2, Dry set mortar shall be used to install tile directly over properly cured, plane, clean concrete slabs in accordance with ANSI 108.5.

14. Question: On A-023, the 4 person module, is there ceramic wall tile in the room containing the water closet? There are no elevations indicating this (if ceramic wall tile is your intent).

Response: There is ceramic wall tile in the room containing the water closet.

15. Question: Is it your intent to install carpet tile in the typical unit mechanical closet as indicated on the I-series drawings?

Response: It is the intent to install vinyl composition floor tiles in the typical unit mechanical closets.

16. Question: What is the height of the ceramic tile in Bldg 1204, room #123?

Response: The height of the ceramic tile in Bldg. 1204E, room 123, shall be aligned with the 4'-0" high partition on 4" concrete curb.

17. Question: Please confirm there is no finish required on new and existing stair treads.

Response: For new north and south end stair treads, the nosing shall be 3" cast abrasive metal with leading edge rounded. The face of exposed metal construction shall be finished in epoxy paint.

For existing interior concrete stairs, install a new 9" wide extruded aluminum base tread with beveled edges and aluminum oxide filler strips. The concrete riser face shall be finished in epoxy paint.

Exterior concrete stair nosing shall be 3" wide extruded aluminum base with integral continuous extruded anchor with aluminum oxide filler strips. The concrete riser face shall be finished in epoxy paint.

18. Question: Are all interior partitions indicated as dashed (to be removed) of masonry construction?

Response: The interior partitions indicated as dashed (to be removed) are generally of masonry construction but should be field verified. See General Note no.2 and General Demolition note no.1.

19. Question: There are no demolition notes pertaining to wall types and construction to be removed, removal of existing doors and frames, removal of existing floor finishes and type, removal of existing ceiling finishes and type, preparation work required for stairway additions, no details of existing exterior stairs to be removed, no notes pertaining to window removals or enlargement and type of materials to be encountered, no indication of slabs to be cut or removed for HVAC or plumbing work, . Do you intend to provide larger scale drawings (1/8" scale) for each wing as implied by the empty "bubbles" on the typical demo drawing and demolition notes that define the scope of the demolition work required?

Response: The demolition drawings with notes were issued with Amendment no.7.

20. Question: Is there a detail for closet shelving in the typical unit?

Response: A detail will be provided.

21. Question: Is there a requirement for closet shelving in closets in the typical office?

Response: Yes, a closet shelving and coat hanger rod in closet at the typical office is required.

22. Question: Spec section 10999 states to install mop and broom holders as indicated on the drawings. There are none indicated on the drawings. It this the intent?

Response: Yes, the intent is to install mop and broom holders in the janitor's closets.

23. Question: Spec Section 10100 references the "Placement Schedule" for visual Display item location and quantity. Section 3.1, the "Placement Schedule" is empty. Please clarify where new visual display items are to be located (markerboards, tackboards, and project screen).

Response: The location of new viaual display items such as markerboards, (MB), tackboards (TB) and project screen will be indicated on the floor plans of Bldg. 1204W, drawings A-012, A-013 and A-014.

24. Question: Amendment #6 added paragraph 43 to Section 00800. This new paragraph discusses removal, storage and reinstallation of existing visual display items by the Contractor. However, we have no way of quantifying the extent of this work requirement. Please clarify the quantity of visual display items to be handled in this manner by the Contractor.

Response: There are existing 1-4'CB, 1-5'CB, 10-6'CB, 13-8'CB, 7-10'CB, 12-12'CB (7 with sliding panel), 22-20'CB, 12-4'TB, 9-6'TB, for a total of 66-CB and 21-TB and 4-Da Lite screens.

25. Question: Spec Section 10260, paragraph 2.3 discuss wall guards yet the drawings do not indicate their location. Is there a wall guard requirement on the project?

Response: Wall and corner protections/guards will be indicated on the floor plans.

26. Question: Spec Section 10440, paragraph 3.1, first sentence discusses installation of signage "at locations show on the drawings". There is no signage indicated on the drawings. Is this correct?

Response: Interior signage location information on the drawings will be provided.

27. Question: The finish schedule does not call for ceilings in the stairwells. However, details on A-037 indicate a ceiling on the top floor within the stairwell. Which is correct?

Response: The stairwell is one-hour fire rated and has a one-hour rated ceiling only at the top floor/third floor within the stairwell. The finish schedule for the third floor will be corrected accordingly.

28. Question: Drawing A-037 indicates what appears to be seismic clips retaining the concrete masonry units to the steel beam. What is this requirement?

Response: If you are referring to the Door Head Detail, what appears to be seismic clips retaining the concrete masonry units to the steel beam are metal angles to check the lateral movement of the masonry unit and provide for the deflection on the steel beam.

29. Question: Please confirm that in the typical unit the floor structure above is exposed and painted as the ceiling. Drawings A-032, A-033 and sketches 5 and 6 issued with Amendment #5 are unclear.

Response: See drawings A-031, 1 PM and 2 PM Living/Sleeping Quarters, and A-031a, 4 PM Living/Sleeping Quarters, Enlarged Plans & Elevations.

30. Questions: Where are the mailboxes indicated on A-060 specified?

Response: Notes will be added on drawing A-060 regarding the mailboxes.

31. Question: Can you give us a correct detail (showing a concrete structure above, not a steel structure above) for detail 7/A-061?

Response: Detail 7/A-061 will be corrected showing the connection to the concrete structure above.

32. Question: Spec Section 00100 references FAR 52.214-5, specifically paragraph d. Are facsimile modifications of our bid authorized by this solicitation DACA51-02-B-0009? There is no FAR 52.214-31 referenced in the current contract documents.

Response. Facsimile bids are not allowed.

33. Question: The existing stairwells (see A-008, stair #1) have partition indication 8 and 9. This requires drywall channel and new drywall in the stairwell. The demolition note 20 requires us to remove the existing handrails and railings. There are no details of new handrails and railings.

Response: See revised drawings.

34. Question: Demolition note #5 requires removal of all floor finishes. Please clarify (so we can quantify) were we can expect to find carpet OR VCT OR bare concrete OR any other type of floor finish.

Response: Drawings have been revised to show floor finishes.

35. Question: In general, demolition notes 1 through 26 provide the scope of demolition work but the specific notes and drawings do not permit an estimator to quantify the scope of the work (for example, note 22). Do you intend to provide these quantities or correct the drawings to indicate these quantities?

Response: Refer to revised drawings, elevations and sections to prepare quantity Take-off.

2. This Amendment shall be attached to the specifications and shall become a part thereof.